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IN THE CLAIMS:

Please amend the claims as shown in the following claim listing.

1. (Currently Amended) A self-treatment process for periodontal patients with gingival detachment of about 3 mm and greater, comprising ~~regularly~~ physically removing biofilms from supragingival, interproximal and subgingival tooth surfaces on a daily basis by cleaning said surfaces with ~~by sequentially administering soft abrasives applied to~~ into said biofilms by a dental device selected from the group consisting of a toothbrush, proxy brush, dental floss, dental tape, or combinations thereof using ~~toothbrushing, proxy brushing and flossing devices.~~

2. (Currently Amended) A self-treatment process for periodontal patients with gingival detachment of about 3 mm and greater and with a risk of heart disease, comprising ~~regularly~~ physically removing biofilms on a daily basis from supragingival, interproximal and subgingival tooth surfaces and simultaneously controlling inflammation related substances associated with heart disease by sequentially administering soft abrasives onto:

- a. supragingival tooth surfaces with toothbrushing,
- b. interproximal tooth surfaces with proxy brushing, and
- c. interproximal and subgingival surfaces with flossing.

3. (Original) The process of Claim 2, wherein:

a. toothbrushing is carried out with a ribbed and grooved toothbrush in combination with a soft abrasive containing toothpaste, wherein the combination physically works soft abrasive into supragingival plaque,

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b. proxy brushing interproximal spaces not reached with toothbrushing is carried out with a ribbed and grooved bristled proxy brush in combination with a soft abrasive containing proxy gel, wherein the combination physically works soft abrasive into interproximal biofilms, and

c. flossing subgingival and interproximal spaces not reached by toothbrushing and proxy brushing is carried out with an interproximal and subgingival flossing device containing releasable soft abrasive, wherein said device physically works released soft abrasives into interproximal and subgingival biofilms.

4. (Currently Amended) The process of Claim 3, wherein said proxy gel contains a therapeutic substance ~~selected from the group consisting of fluoride, cetyl pyridinium chloride, triclosan, chlorhexidine digluconate, metronidazole, doxycycline, tetracycline, minocycline and mixtures thereof.~~

5. (Currently Amended) The process of Claim 3, wherein said flossing device contains a releasable therapeutic substance ~~selected from the group consisting of fluoride, cetyl pyridinium chloride, triclosan, chlorhexidine digluconate, metronidazole, doxycycline, tetracycline, minocycline and mixtures thereof.~~

6. (Original) The process of Claim 3, wherein said flossing device is selected from the group consisting of multifilament floss, texturized multifilament floss, PTFE tape and elastomeric tape.

7. (Original) The process of Claim 2, wherein said proxy gel and said flossing device each contain an inflammation related substance associated with heart disease.

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8. (Withdrawn) A system adapted for self-administering soft abrasive onto biofilms on the supragingival, interproximal and subgingival tooth surfaces of periodontal patients with gingival detachment of at least about 3 mm, said system comprising two or more devices selected from the group consisting of toothbrushes, proxy brushes and flossing devices and combinations thereof.

9. (New) The self-treatment process of Claim 1, wherein at least two dental devices are used, each more than once a day.

10. (New) The self-treatment process of Claim 1, wherein at least three dental devices are used, each more than once a day.

11. (New) The self-treatment process of Claim 1, wherein at least one dental devices is used, after every meal or snack.

12. (New) The process of claim 4, wherein the therapeutic substance is selected from the group consisting of fluoride, cetyl pyridinium chloride, triclosan, chlorhexidine digluconate, metronidazole, doxycycline, tetracycline, minocycline and mixtures thereof.

13. (New) The process of claim 5, wherein the therapeutic substance is selected from the group consisting of fluoride, cetyl pyridinium chloride, triclosan, chlorhexidine digluconate, metronidazole, doxycycline, tetracycline, minocycline and mixtures thereof.

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